

FY 2022-2031 DRAFT STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

MPO Project Descriptions Suballocated STP Funding (\$ millions)

MPO	PHASE	FUND	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
NJTPA													
FHWA: STBGP-NJTPA													
Chadwick Beach Island Bridge (No. 1507-007) over Barnegat Bay (DBNUM: N1805) County: Ocean													
<p>The purpose of the Chadwick Island Bridge project is to restore the structural, geometric and operational integrity of the bridge in compliance with current design standards and to provide a safe, efficient and reliable crossing for all modes of transportation. The existing structurally deficient all timber bridge was originally constructed in the early 1950's as part of the original development of the island community. In 1985 the bridge superstructure was replaced to prolong its service life. The current issues with the existing timber bridge include, moderate to severe deterioration /section loss of load bearing piles, deterioration of substructure cross bracing, deterioration and misalignment of timber deck boards and hardware and inadequate roadway width for vehicular traffic.</p>													
NJTPA	PE	STBGP-NY/NWK	\$1.000										\$1.000
NJTPA	DES	STBGP-NY/NWK		\$1.000									\$1.000
NJTPA	ROW	STBGP-NY/NWK			\$0.400								\$0.400
NJTPA	CON	STBGP-NY/NWK				\$10.000							\$10.000
Clay Street Bridge over the Passaic River (DBNUM: N1402) County: Hudson, Essex													
<p>Clay Street Bridge over the Passaic River is a swing span and was built in 1908. The bridge carries two 18'-4" foot wide lanes of traffic and two 9'-2.5" wide pedestrian sidewalks. The bridge is structurally deficient due to the serious condition of the superstructure. The overall condition rating of the bridge is "3 – Serious" due to the serious condition of the superstructure and low inventory ratings. It has a sufficiency rating of 33.0. The preferred alternative includes widening and replacement of the Clay Street Bridge along the existing alignment. The proposed structure would be a movable bridge on the existing profile. The movable bridge would span only one of the existing 75-foot wide waterway channels under the Clay Street Bridge. The typical section of the new bridge will be 68'-0", which will include two 12-foot wide eastbound lanes, one 12-foot wide westbound lane, an 8-foot wide outside shoulder in each direction, and a 6-foot wide sidewalk in each direction.</p>													
NJTPA	PE	STBGP-NY/NWK	\$2.000										\$2.000
NJTPA	DES	STBGP-NY/NWK				\$7.000							\$7.000
NJTPA	ROW	STBGP-NY/NWK						\$0.100					\$0.100
NJTPA	CON	STBGP-NY/NWK								\$55.100			\$55.100
County Bridge K0607, New Brunswick Road over Al's Brook (DBNUM: N1407) County: Somerset													
<p>Somerset County Bridge No. K0607, New Brunswick Road over Al's Brook in Franklin Township is a structurally deficient structure with an overall condition of the structure is serious "due to the deformation and bucking of the aluminum structure plate arch sections." The project has graduated from the NJTPA's Local Concept Development phase with a preliminary preferred alternative of replacing the structure on-line, accelerated construction.</p>													
NJTPA	CON	STBGP-NY/NWK	\$2.500										\$2.500

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CR 508 (Bridge Street), Bridge over Passaic River (DBNUM: N1602; UPC: 153270) County: Essex, Hudson													
The historic structure was built in 1913 and rehabilitated in 1981. The structure is structurally deficient and functionally obsolete. 2 lanes with an overall roadway width of 39.5'. The bridge is eligible for placement on the National Register of Historic Places.													
NJTPA	DES	STBGP-NY/NWK		\$7.000									\$7.000
NJTPA	ROW	STBGP-NY/NWK				\$0.100							\$0.100
NJTPA	CON	STBGP-NY/NWK					\$50.000	\$27.000					\$77.000
CR 508 (Central Avenue), Bridge over City Subway (DBNUM: N1605; UPC: 153300) County: Essex													
Central Avenue bridge over the Newark City Subway was built in 1908 and is structurally deficient, functionally obsolete, fracture critical and has an overall sufficiency rating of 31 despite all the efforts by the county to save the structure. The city plans to replace the substructure in front of the existing abutment while eliminating 2 spans with a cantilever abutment. The replacement of the two southernmost trusses (Spans 2 and 3) in the north section of the bridge with one truss. The pier supporting the two trusses will be removed. The truss will span from the south abutment to the existing concrete pier supporting the northernmost trusses (Span 3 and 4) of the north section of the bridge; that pier will be removed and replaced with a pier that meets current standards.													
NJTPA	PE	STBGP-NY/NWK	\$0.500										\$0.500
NJTPA	DES	STBGP-NY/NWK		\$3.000									\$3.000
NJTPA	ROW	STBGP-NY/NWK				\$1.000							\$1.000
NJTPA	CON	STBGP-NY/NWK							\$20.000				\$20.000
CR 510 (Columbia Turnpike), Bridge over Black Brook (DBNUM: N1604; UPC: 153290) County: Morris													
The functionally obsolete single span with concrete encased and painted rolled multiple steel stringers supported on reinforced concrete substructures was built in 1929 and widened in 1960. Superstructure is rated as fair and Substructure is rated as satisfactory.													
NJTPA	PE	STBGP-NY/NWK	\$0.400										\$0.400
NJTPA	DES	STBGP-NY/NWK		\$0.500									\$0.500
NJTPA	ROW	STBGP-NY/NWK		\$0.020									\$0.020
NJTPA	CON	STBGP-NY/NWK				\$5.800							\$5.800

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CR 512 (Valley Road), Bridge over Passaic River (DBNUM: N1607; UPC: 153320) County: Somerset													
Three-span, simply supported concrete encased steel stringers with concrete deck on reinforced concrete abutments and piers. The bridge has an SI&A of 45.0. The substructure is in poor condition due to severe scaling and efflorescence on the breast walls, bridge seats and wing walls for both abutments. Curb width of 33.3', 5'-6" sidewalks on both sides.													
NJTPA	PE	STBGP-NY/NWK	\$1.000										\$1.000
NJTPA	DES	STBGP-NY/NWK		\$1.500									\$1.500
NJTPA	ROW	STBGP-NY/NWK			\$0.050								\$0.050
NJTPA	CON	STBGP-NY/NWK				\$6.500							\$6.500
East Anderson Street Bridge (02C0023A) over the Hackensack River (DBNUM: N1801) County: Bergen													
The existing bridge is a twin six-span, simply supported structure with a total length of 302'-2". The total width of the bridge is 74'-0". The bridge was constructed in 1971 and carries four (4) 12-foot lanes between curbs bounded by 5-foot wide sidewalks on both sides. The bridge has a 10' wide median which contains a 5' wide utility bank between the two structures providing for separate eastbound and westbound roadways. The bridge replaced an existing swing span structure. The superstructure consists of 11 adjacent prestressed concrete box beams overlaid with an asphalt wearing course. There is cracking in the grout joints between the adjacent units resulting in reflective cracks in the wearing surface, eventually causing corrosion of the non-prestressed and prestressed reinforcement.													
NJTPA	DES	STBGP-NY/NWK		\$3.000									\$3.000
NJTPA	ROW	STBGP-NY/NWK			\$0.180								\$0.180
NJTPA	CON	STBGP-NY/NWK					\$38.100						\$38.100
Garden State Parkway Interchange 83 Improvements (DBNUM: N1405) County: Ocean													
Garden State Parkway Interchange 83 Improvements will address the missing interchange movement from the GSP southbound at Interchange 83. It proposes construction of an exit ramp that begins south of the Interchange 83 toll plaza and terminates at a signalized "T" intersection at CR571. In order to accommodate the additional traffic and to improve the operations of the intersection of US 9 and CR 571, improvements to the intersection are proposed. CR 571 will be widened east of the intersection to provide two through lanes in each direction and opposing dual left turn lanes. West of the intersection, CR 571 will be restriped to provide the same lane configuration requiring minor roadway widening.													
NJTPA	DES	STBGP-NY/NWK	\$1.500										\$1.500
NJTPA	ROW	STBGP-NY/NWK		\$0.800									\$0.800
NJTPA	CON	STBGP-NY/NWK				\$5.900							\$5.900

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Kingsland Avenue, Bridge over Passaic River (DBNUM: N1601; UPC: 153260) County: Bergen, Essex													
The structure was built in 1905 and reconstructed in 1986. It consists of a two-span, steel thru-truss swing span with two steel thru-truss approach spans having a total length of 364' and total width of 45'-8" with one 6' sidewalk. The bridge's SI&A is 24.4. The superstructure is in poor condition due to fatigue and the substructure is in satisfactory. The electrical machinery is outdated repair very costly.													
NJTPA	DES	STBGP-NY/NWK		\$2.500									\$2.500
NJTPA	ROW	STBGP-NY/NWK				\$0.200							\$0.200
NJTPA	CON	STBGP-NY/NWK						\$35.000					\$35.000
Local Aid Consultant Services (DBNUM: 10347; UPC: 103470) County: Various													
This program provides funding for consultant services to assist local public agencies in administering projects and provide oversight to recipients receiving Local Aid funds. The program also provides overall quality assurance and quality control for the project delivery process.													
NJTPA	EC	STBGP-NY/NWK		\$0.200		\$0.200		\$0.200		\$0.200		\$0.200	\$1.000
Local Concept Development Support (DBNUM: 06326; UPC: 063260) County: Various													
This program provides NJDOT project management and environmental support to local governments.													
NJTPA	PLS	STBGP-NY/NWK	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$29.250
Manhattan Avenue Retaining Wall (DBNUM: N1603; UPC: 153280) County: Hudson													
The Manhattan Avenue Retaining walls were built between 1912 and 1914. The walls, located at JFK Blvd East, River Rd, Manhattan Ave and Paterson Plank Rd, were constructed to protect Manhattan Avenue and stabilize the Palisades Cliffs and range to a height of 42 feet. In 2007, after a heavy rainstorm a 200 ft. section of the wall collapsed and fell onto Manhattan Avenue closing the entire roadway for a period of 10 days. The LCD study revealed that the retaining walls are in overall poor condition. There are vertical cracks, loose stones, inadequate drainage, clogged weepholes and large hollow sounding areas. The purpose of this project will be to reinforce and modernize the walls to improve safety, stabilize the rock cliffs behind the walls to prevent rock slides and slope failures and improve drainage.													
NJTPA	PE	STBGP-NY/NWK	\$1.200										\$1.200
NJTPA	DES	STBGP-NY/NWK		\$2.300									\$2.300
NJTPA	ROW	STBGP-NY/NWK			\$3.000								\$3.000
NJTPA	CON	STBGP-NY/NWK						\$27.000	\$18.000				\$45.000
Market Street/Essex Street/Rochelle Avenue (DBNUM: 98546; UPC: 985460) County: Bergen													
Bergen County will be undertaking roadway improvements at the intersection of Market Street, Essex Street, Rochelle Avenue, and Main Street in the Borough of Lodi, and the Townships of Rochelle Park and Saddle Brook. The project will also include the replacement of the Market Street Bridge over the Saddle River. This project will improve safety and traffic operations at this intersection.													
NJTPA	ROW	STBGP-NY/NWK			\$2.360								\$2.360
NJTPA	CON	STBGP-NY/NWK				\$11.000							\$11.000

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Martin Luther King Avenue Bridge (No. 1400-118) over the Whippany River (DBNUM: N1804) County: Morris													
The Martin Luther King (MLK) Avenue Bridge spans over the Whippany River and is located between Flagler Street (M.P. 0.11) and Coal Avenue (M.P. 0.14) in the Town of Morristown. Originally constructed in 1900, and widened in 1928, the 66 foot long bridge has numerous structural and geometric deficiencies. The 121 years old stone arch bridge is significant because it is a secondary commuter route into and out of downtown Morristown with a high volume of pedestrian and vehicular traffic. The Bridge Re-Evaluation Survey Report (Cycle No. 18, dated 7/11/17) concluded that the MLK Avenue Bridge is classified as Structurally Deficient due to the poor condition of the superstructure. This is a bridge replacement project.													
NJTPA	PE	STBGP-NY/NWK	\$1.000										\$1.000
NJTPA	DES	STBGP-NY/NWK		\$1.000									\$1.000
NJTPA	ROW	STBGP-NY/NWK				\$0.100							\$0.100
NJTPA	CON	STBGP-NY/NWK						\$6.500					\$6.500
Metropolitan Planning (DBNUM: X30A) County: Various													
NJDOT supports the federally mandated Metropolitan Planning Organization transportation planning process. New Jersey Metropolitan Planning Organizations carry out a "3C" transportation planning process whereby planning activities are conducted on a continuous basis while also providing a forum for cooperative decision making among responsible state and local officials, public and private transit operators and the general public.													
NJTPA	PLS	STBGP-NY/NWK	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$80.000
Monmouth County Bridges W7, W8, W9 over Glimmer Glass and Debbie's Creek (DBNUM: NS9306; UPC: 950607) County: Monmouth													
This project is comprised of the rehabilitation or replacement of three existing deficient bridges, which carry Brielle Road over Glimmer Glass Creek and Green Avenue over Debbie's Creek. Due to its three-component perpendicular configuration, the project site is locally known as "Three Bridges." All three structures, whether movable or fixed, will be rehabilitated or replaced in-kind with bridges meeting current design standards and thus improve roadway geometrics.													
NJTPA	DES	STBGP-NY/NWK	\$4.000										\$4.000
NJTPA	ROW	STBGP-NY/NWK			\$1.000								\$1.000
NJTPA	CON	STBGP-NY/NWK							\$30.000				\$30.000
NJTPA, Future Projects (DBNUM: N063; UPC: 058027) County: Various													
This program provides funding for unanticipated project needs associated with the design, right-of-way or construction of NJTPA selected local projects.													
NJTPA	ERC	STBGP-ALLEN	\$0.548	\$0.555	\$0.563	\$0.570	\$0.578	\$0.586	\$0.594	\$0.602	\$0.610	\$0.618	\$5.822
NJTPA	ERC	STBGP-NY/NWK	\$65.195	\$61.710	\$36.234	\$26.182	\$6.245	\$0.026	\$29.324	\$43.540	\$100.375	\$101.728	\$470.559
NJTPA	ERC	STBGP-PGH/NWB	\$0.190	\$0.192	\$0.195	\$0.197	\$0.200	\$0.203	\$0.205	\$0.208	\$0.211	\$0.214	\$2.015

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Openaki Road Bridge (DBNUM: NS9802; UPC: 058019) County: Morris													
Openaki Road bridge over the Den Brook in Denville Township was built in 1924 and is now structurally deficient and functionally obsolete despite efforts by the county to save the structure. The existing bridge is a single-span thru truss with a wood plank deck. The bridge has narrow roadway width and low inventory and operating ratings. The county plans to widen the roadway to 32' consisting of high-strength weathering steel stringers with a composite reinforced concrete deck slab.													
NJTPA	DES	STBGP-NY/NWK	\$1.000										\$1.000
NJTPA	ROW	STBGP-NY/NWK		\$0.500									\$0.500
NJTPA	CON	STBGP-NY/NWK			\$6.000								\$6.000
Picket Place, CR 567 Bridge (C0609) over South Branch of Raritan River (DBNUM: N1807) County: Somerset													
The existing bridge built in 1979 is a 4 span, simply supported prestressed concrete cast-in-place. Both Substructure is in poor condition due to large spalls with exposed rusted reinforced steel. Superstructure exhibits spalls at the ends of all restressed concrete beams.													
NJTPA	PE	STBGP-NY/NWK	\$1.400										\$1.400
NJTPA	DES	STBGP-NY/NWK		\$1.900									\$1.900
NJTPA	ROW	STBGP-NY/NWK			\$0.050								\$0.050
NJTPA	CON	STBGP-NY/NWK				\$9.700							\$9.700
Schalk's Crossing Road Bridge, CR 683 (DBNUM: 00321; UPC: 003210) County: Middlesex													
This project will replace the bridge deck, will maintain the existing steel superstructure and provide bicycle/pedestrian accessibility. A shared bicycle/pedestrian sidewalk lane will be provided through the addition of a cantilever on the through girders along both the east and west sides of Schalk's Crossing Road. Repairs will be made to the substructure. Prior to any bridge rehabilitation, the railroad catenary system will be modified. Roadway improvements would include milling and resurfacing of the existing roadway approaches for tie-ins to the bridge.													
NJTPA	DES	STBGP-NY/NWK	\$5.400										\$5.400
NJTPA	ROW	STBGP-NY/NWK		\$0.077									\$0.077
NJTPA	CON	STBGP-NY/NWK			\$36.062								\$36.062

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Sixth Avenue (CR 652), Bridge over Passaic River (DBNUM: N1606; UPC: 153310) County: Passaic													
The Sixth Avenue Bridge (Structure No. 1600-012), designated County Route 652, crosses over the Passaic River connecting the City of Paterson, Borough of Prospect Park and Borough of Hawthorne. The bridge was originally constructed in 1900, and in 1987 the superstructure was replaced with a temporary steel truss structure. Due to structure deficiencies and substandard features, the bridge is in need of replacement. The project involves replacing the existing bridge with a new 3-span steel multi-girder continuous bridge with reinforced concrete deck slab.													
NJTPA	PE	STBGP-NY/NWK	\$0.500										\$0.500
NJTPA	DES	STBGP-NY/NWK		\$3.000									\$3.000
NJTPA	ROW	STBGP-NY/NWK			\$0.300								\$0.300
NJTPA	CON	STBGP-NY/NWK				\$15.000							\$15.000
Transportation Management Associations (DBNUM: 11383; UPC: 113830) County: Various													
This program will provide annual funding to the following Transportation Management Associations (TMAs): Cross County Connection, EZ Ride, goHunterdon, Greater Mercer TMA, Hudson TMA, Keep Middlesex Moving, RideWise, and TransOptions.													
NJTPA	EC	STBGP-NY/NWK	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$44.500
<i>FHWA: STBGP-NJTPA Total</i>			<i>\$104.7</i>	<i>\$106.1</i>	<i>\$107.6</i>	<i>\$109.0</i>	<i>\$110.5</i>	<i>\$112.0</i>	<i>\$113.5</i>	<i>\$115.0</i>	<i>\$116.6</i>	<i>\$118.1</i>	<i>\$1,113.1</i>